



## Job Posting

### Criticality Engineer

**Job Duties/Responsibilities:**

The criticality engineer shall be able to perform criticality evaluations using both the MCNP and Keno codes; this engineer shall be a qualified evaluator for these codes. The evaluation must be compliant with the CFR and DOE regulations/requirements and the engineer shall be adept in understanding these requirements and able to write evaluation reports and the accompanying Documented Safety Analysis Chapter 6 such that the text and criticality controls are Operations understandable and able to be implemented. As a criticality engineer, they must be able to support and/or defend the criticality evaluation and controls before the DNFSB or auditing/assessment teams, must be able to provide guidance on implementation and performance measures for criticality controls, and must be able to perform comparative analysis with respect to criticality analysis. The position requires the criticality engineer to be readily available to support Operations and includes locating at the Operations site.

**Minimum Qualifications/Skills Requirements:**

- 1- BS in Engineering or Science plus five years of relevant work experience
- 2- Criticality analysis
- 3- Technical Writing skills
- 4- Experience in Public Speaking
- 5- Extensive knowledge of computer programs and codes